

SCIENCE Kindergarten

Life Science Standards

1.0 Cell Structure and Function

The student will investigate the structure and function of plant and animal cells.

Key	Reporting Category		PLT ACTIVITY
I		Assemble and take apart objects to determine that most things are made up of parts.	N/A
I		Observe and describe what happens when an object is missing a part.	N/A

2.0 Interactions Between Living Things and Their Environment

The student will investigate how living things interact with one another and with nonliving elements of their environment.

I		Recognize that humans have five senses and be able to discriminate among these.	2 Get In Touch with Trees p. 20 3 Peppermint Beetle p. 23 4 Sounds Around (part A) p. 26 21 Adopt a Tree (part A) p. 97 46 Schoolyard Safari (variation) p. 197
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5.0 Diversity and Adaptation Among Living Things

The student will understand that living things have characteristics that enable them to survive in their environment.

I		Know that different organisms tend to be found in different environments.	6 Picture This (A) p. 34 46 School Yard Safari p. 197
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EARTH SCIENCE STANDARDS

7.0 Earth and Its Place in the Universe

The student will investigate the structure of the universe.

I		Identify objects that appear in the day and nighttime sky.	N/A
I		Classify pictures as representative of day or night.	N/A

8.0 Atmospheric Cycles

The student will investigate the relationships among atmospheric conditions, weather, and climate.

I		Identify daily weather conditions (e.g., hot, cool, sunny, snowy, and rainy).	N/A
I		Associate clothing and activity choices with various types of weather.	N/A

10.0 Earth Resources

The student will investigate the properties, uses, and conservation of earth's resources.

I		Recognize a variety of earth materials (e.g., rocks, pebbles, and sand).	13 We All Need Trees (part A) p. 65 70 Soil Stories (part A) p. 297
I		Classify objects as natural or manmade.	N/A

KEY

I = Introduced D = Developing A = State Assessed M = Mastered

REPORTING CATEGORY

SF = Structure & Function of Organisms ME = Motion & Forces, Forms of Energy E = Ecology M = Matter
LC = Life Cycles & Biological Change ER = Earth Features & Resources SC = Space, Weather, & Climate

Note: "A" indicates the state curriculum (CRT) assessment only.
All the skills ("I"... "D"... "A"... "M") are addressed in the classroom assessment.

PHYSICAL SCIENCE STANDARDS

11.0 Forces and Motion

The student will investigate the effects of force on the movement of objects.

I		Recognize that objects can move in different directions and at different speeds.	N/A
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12.0 Structure and Properties of Matter

The student will investigate the characteristic properties of matter.

I		Describe an object according to its simple properties.	1 The Shape of Things p. 17 2 Get In Touch With Trees p. 20 61 The Closer You Look p. 263 64 Looking At Leaves p. 273
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14.0 Energy

The student will investigate energy and its uses.

I		Identify the sun as the source of earth's heat and light energy.	N/A
I		Identify different sounds and their sources.	4 Sounds Around p. 26

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